

# INTERNATIONAL SEARCH REPORT

International application No  
PCT/ ES 99/00384

## A. CLASSIFICATION OF SUBJECT MATTER :

IPC7 E04F 15/10

According to International Patent Classification (IPC) or to both national classification and IPC

## B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)  
IPC7 E04F 15/10; 15/02; 15/16

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the international search (name of data base and, where practicable, search terms used)  
EPODOC, WIPL, CIBEPAT,

## C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category*	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
Y	US 2108226 A (WALTER S. JOHNSTON) 15 February 1938 (15.02.38), page 1, column 2, line 42 - page 2, column 3, line 33; page 2, column 4, line 49 - page 3, column 5, line 9; figures	1,2,3
Y	ES 460194 A (PILLADO PEREZ) 16 May 1978 (16.05.78), page 2, line 21 - page 4, line 16	1,2,3
A	ES 163421 U (MANCEBO) 01 May 1971 (01.05.71), the whole document	2,3
A	ES 283331 U (SOCIEDAD ANONIMA TRIANGULAR DE CONSTRUCCIONES) 16 May 1985 (16.05.85), page 3, line 28 - page 4, line 23; figures	1
A	ES 1019585 U (REVESPAN, S.A.) 01 April 1992 (01.04.92)	

☐ Further documents are listed in the continuation of Box C

☒ See patent family annex.

### \* Special categories of cited documents:

"A" document defining the general state of the art which is not considered to be of particular relevance

"E" earlier document but published on or after the international filing date

"L" document which may throw doubts on priority claim(s) or which is cited to establish the publication date of another citation or other special reason (as specified)

"O" document referring to an oral disclosure, use, exhibition or other means

"P" document published prior to the international filing date but later than the priority date claimed

"T" later document published after the international filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the invention

"X" document of particular relevance; the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone

"Y" document of particular relevance; the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to a person skilled in the art

"&" document member of the same patent family

Date of the actual completion of the international search report  
04 Januar 2000 (04.01.00)

Date of mailing of the international search report  
17 Januar 2000 (17.01.00)

Name and mailing address of the ISA/ S.P.T.O.

Authorized officer

Facsimile No.

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**INTERNATIONAL SEARCH REPORT**  
Information on patent family members

International application No  
**PCT/ ES 99/00384**

Patent document Cited in search report	Publication date	Patent family member(s)	Publication date
US 2108226	15.02.1938	NONE	
ES 460194	16.05.1978	NONE	
ES 163421 U	01.05.1971	NONE	
ES 283331 U	16.05.1985	NONE	
ES 1019585 U	01.04.1992	NONE	